

Converting Colors

Hex(14FFAF)

Have a look what the booklet for
Hex(14FFAF) contains.

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Color

Hex(14FFAF)

Conversions

Conversions Part 1

Format	Color
Hex	14FFAF
RGB	20, 255, 175
RGB Percent	8%, 100%, 69%
CMY	0.9216, 0.0000, 0.3137
CMYK	0.92, 0.00, 0.31, 0.00
HSL	160°, 100%, 54%
HSV	160°, 92%, 100%
XYZ	43.7864, 74.7639, 52.6805
YIQ	175.6150, -114.3800, -74.7000

Conversions

Conversions Part 2

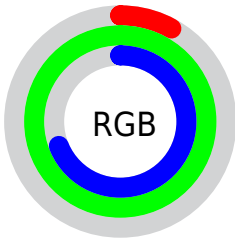
Format	Color
RYB	20, 162, 255
Decimal	1376175
CIELab	89.28, -67.64, 24.51
CIELCh	89, 71.945, 160.081
Yxy	74.7639, 0.2557, 0.4366
Android (android.graphics.Color)	4279566255 (0xFF14FFAF)
YUV	175.6150, -0.3032, -136.4744
Hunter-Lab	86.4661, -60.9234, 24.4031

Details

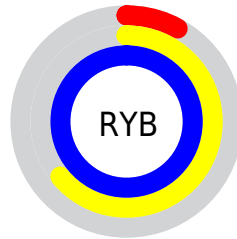
The Hex color **14FFAF** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1464**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **77FFE7**, and **00C57A** is the 20% darker color. If you saturate the color by 10%, you get **00FFA8**, and if you desaturate by 10%, it is **2EFFB8**.

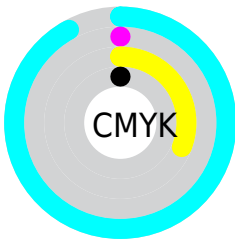
Distribution



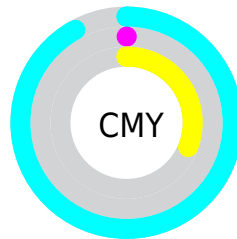
- Red (8%)
- Green (100%)
- Blue (69%)



- Red (8%)
- Yellow (64%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14FFAF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 14FFAF by changing the saturation by 10% instead.

 14FFAF

 14FFAF

FFFFFF

 00E294

 77FFE7

 00C57A

 99FFFF

 00A961

 BAFFFF

 008D49

 DAFFFF

 007231

 FAFFFF

 00581B

 003F03

 002600

 000000

 14FFAF

 14FFAF

 00FFA8

 2EFFB8

 47FFC0

 61FFC9

 7AFFD2

 93FFDA

 ADFFE3

 C7FFEC

 E0FFF4

 FAFFFD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6F572



14FFAF



00FFF6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14FFAF



8BE0FF



FFB28B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14FFAF



FF1464

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3CC



14FFAF



FFC5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14FFAF



00F4FF



FFABFF



FFCC5C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14FFAF



00FFFF



FFABFF



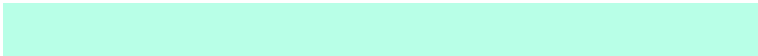
FFAB9F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14FFAF



B8FFE7



66FF14



548071



000000



808080

Same Dimension

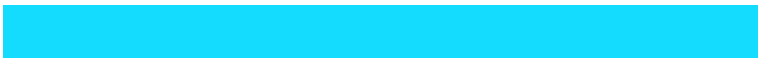
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14FFAF



00FFA8



14DCFF



73807B



00BF7E



00402A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF1464



FF0057



FF3714



807377



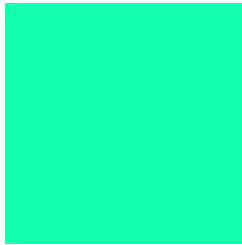
BF0041



400016

Previews

White Background



This preview shows how the Hex color 14FFAF looks on a white background.

Color Contrast Check

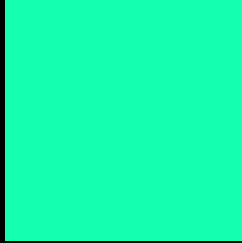
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 14FFAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

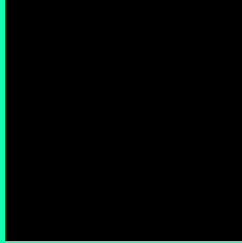
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 14FFAF Background



This preview shows how black text looks on a background with the Hex color 14FFAF.

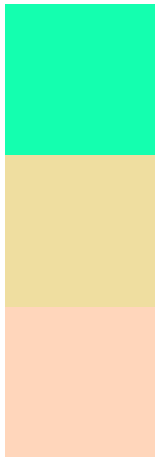


This preview shows how white text looks on a background with the Hex color 14FFAF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

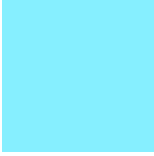
Dichromacy



Original Color
14FFAF

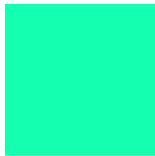
Protanopia
EFDEA0

Deuteranopia
FFD6BB



Tritanopia
86EFFF

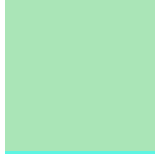
Trichromacy



Original Color
14FFAF



Protanomaly
9FEAA5



Deuteranomaly
AAE5B7

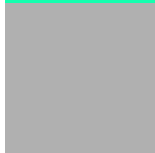


Tritanomaly
5DF5E2

Monochromacy



Original Color
14FFAF



Achromatopsia
B0B0B0



Achromatomaly
77CDB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 14FFAF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #14FFAF looks like.

```
.text, #text, p{  
    color:#14FFAF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #14FFAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14FFAF
}
```

Border

The CSS property to change the border of an element to Hex 14FFAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#14FFAF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#14FFAF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #14FFAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14FFAF; -webkit-box-shadow:4px 4px  
4px 4px #14FFAF; box-shadow:4px 4px 4px  
4px #14FFAF }
```

Background

The CSS property to change the background color of an element to Hex 14FFAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14FFAF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#14FFAF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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